

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117914	APPLICATION NO. 10/724,207	
<p>INFORMATION DISCLOSURE STATEMENT <i>(use several sheets if necessary)</i></p> <p><i>O I P E</i> <i>MAY 03 2004</i> <i>U. S. PATENT & TRADEMARK OFFICE</i></p>		APPLICANTS Masahiko YAMAMOTO et al.				
		FILING DATE December 1, 2003		GROUP 2818		
		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
SP	1	US 6,351,410 B1	2/26/2002	NAKAO et al.		
SP	2	US 5,475,304 A	12/12/1995	PRINZ		
SP	3	US 6,391,483 B1	5/21/2002	ZHU et al.		
SP	4	US 2003/0107849 A1	6/12/2003	IKARASHI		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
SP	5	JP A 2002-73681 w/ Abst & Trans	3/12/2002	Japan		
SP	6	WO 03/032336 A1	4/17/2003	WIPO		
SP	7	JP A 2003-273331 w/ Abst & Trans	9/26/2003	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
SP	8	COWBURN et al. "SINGLE-DOMAIN CIRCULAR NANOMAGNETS," The American Physical Society, Physical Review Letters, Volume 83, Number 5, August 2, 1999, pp. 1042-1045.				
SP	9	ZHU et al. "ULTRAHIGH DENSITY VERTICAL MAGNETORESISTIVE RANDOM ACCESS MEMORY (INVITED)," Symposium on Magnetic Technology for a Single Chip Computer, Journal of Applied Physics, Volume 87, Number 9, May 1, 2000, pp. 6668-6673.				
SP	10	LI et al. "FLUX CLOSURE STRUCTURES IN COBALT RINGS," The American Physical Society, Physical Review Letters, Volume 86, Number 6, February 5, 2001, pp. 1102-1105.				
SP	11	KLÄUI et al. "VORTEX CIRCULATION CONTROL IN MESOSCOPIC RING MAGNETS," American Institute of Physics, Applied Physics Letters, Volume 78, Number 21, May 21, 2001, pp. 3268-3270.				
SP	12	SCHNEIDER et al. "MAGNETIC SWITCHING OF SINGLE VORTEX PERMALLOY ELEMENTS," American Institute of Physics, Applied Physics Letters, Volume 79, Number 19, November 5, 2001, pp. 3113-3115.				
EXAMINER <i>SƠN DINH</i>				DATE CONSIDERED <i>11/19/05</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						